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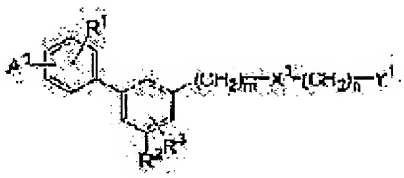
(54) BIPHENYLAMIDINE DERIVATIVE

(57)Abstract:
PROBLEM TO BE SOLVED: To obtain the subject new compound clinically applicable and useful as a selective activated blood coagulation factor X (hereinafter abbreviated to Fxa) inhibitor.
SOLUTION: This biphenylamidine derivative is represented by formula I [A1 is amidino; R1 is H, F, Cl, Br, hydroxyl group, amino, nitro, a 1-10C alkyl or the like; R2 is F, Cl, Br, hydroxyl group, amino, a 1-10C alkoxy or the like; R3 is H, F, Cl, Br, hydroxyl group, amino, nitro, a 1-10C alkyl or the like; X1 is NH-CO-NH or the like; Y1 is phenyl, naphthyl or the like; (m) is 1-3; (n) is 0-3], e.g. methyl 3-(3-amidinophenyl)-5-benzoylaminomethyl-benzoate. In the compound represented by formula I, a compound in which X1 is amide bond can be obtained by synthesizing a nitrile derivative which is a precursor using, e.g. a compound represented by formula II (R5 is H, a 1-10C alkyl or an aryl; R11 is F, Cl, Br or the like) and then carrying out the amidination reaction of the resultant nitrile derivative.



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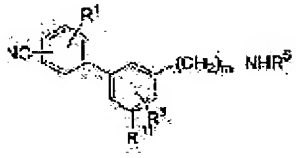

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LEGAL STATUS

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